



**Division of Fire Safety
Barre Regional Office**
1311 US Route 302, Suite 500
Barre, VT 05641-7301
www.firesafety.vermont.gov

Phone (802) 479-4434
Fax (802) 479-4446
Toll Free (888) 870-7888

Department of Public Safety

August 19th, 2014

AOT Facilities
1 National Life Drive
Montpelier, VT 05602
Attn: Brad McAvoy

Re: Sprinkler System Variance Request

Location: State AOT Garage
249 Industrial Park Road
Newbury, VT 05051

Site: 92690
Project: 365092

Brad McAvoy,

I am in receipt of your variance request to waive the requirement to install a complete sprinkler system required by the IBC (International Building Code) 2012, Section 903.2.9.1 for Group S-1 Storage Occupancies / Repair Garages with a fire area in excess of 5,000 sq. ft.

Under the provisions of the 2012 Vermont Fire & Building Safety Code, Section 8, a variance may be granted, when the applicant can demonstrate evidence that strict compliance with the Code would entail practical difficulty, unnecessary hardship or otherwise found unwarranted. Evidence must also be submitted that any such variance or exemption secures the public safety and health and that the methods, means or practices proposed provide equal protection of the public safety and health.

Code Requirement:

IBC 2012 Edition, Section 903.2.9.1 Group S-1/Repair Garages

An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1/Repair Garage occupancy where one of the following conditions exist:

- 4.) A Group S-1 fire area used for the repair of commercial trucks and buses where the fire area exceeds 5,000 square feet.



Considerations:

- 1.) The proposed business section of the building must be separated from the repair/storage garage area and the mezzanine section utilizing a one (1) hour fire rated wall and ceiling assemblies.
- 2.) A limited area sprinkler head will be installed above the boilers in the mezzanine area.
- 3.) There is no municipal water available to this building.
- 4.) State AOT has agreed to install an automatic fire alarm, with emergency forces notification.
- 5.) The new building will have a total of 6,600 sq. ft. and be of a VB construction type.

After review of the above considerations, the requested variance is hereby **Approved.**

This variance does not preclude the construction permit process and does not allow for your project to begin until a construction permit has been issued for this project.

A separate Fire Alarm Permit Application with plans and fees must be submitted for approval by this Office.

For the Division of Fire Safety,

Robert T. Sponable
Asst. State Fire Marshal
Barre Regional Manager

Cc: Patrick McLaughlin, Assistant State Fire Marshal
Stanley Baranowski III, Assistant State Fire Marshal
Regional Managers

Site: 92960/Project: 365092